Amendments to the Specification:

Please amend the paragraph at page 17, lines 1-13 as follows:

As shown in step S106, all pixels lying along the reference line 53 (or the reference segment 54) in the corrected reference image 50 that is a corrected image to be used for measurement are regarded as points of attention in order to acquire section information concerning a section determined with the cutting plane 56. Therefore, as shown in step S107, a corresponding point searching means searches for a corresponding point, that is, a pixel in the corrected ~~reference~~ comparison image 51 associated with each point of attention. Consequently, a group of corresponding points 59 that will be described later is sampled. An algorithm for searching for a corresponding point will be described later in conjunction with a flowchart in Fig. 14 and Fig. 15.

Please replace the current Abstract with the following new Abstract: